

475 17^{rs} Street Suite 1500 Denver Colorado 80202 Telephone 303 573-1222 Fax 303 573 0461

November 15, 2006

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Attn.: Ms. Diana Whitney

RE: Enduring Resources, LLC

Buck Camp Canyon 11-22-32-22

SWNE 22-11S-22E

Federal Lease: UTU-73175

Uintah County, Utah

Dear Ms. Whitney:

Enclosed is one original application to drill concerning the above-referenced proposed well.

Enduring Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact me at 303-350-5719.

Very truly yours,

Evette Bissett

Regulatory Affairs Assistant

butto Bissett

Enclosures

RECEIVED NOV 1 7 2006

DIV. OF OIL, GAS & MINING

RECEIVED

FORM 3

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT
(highlight changes)

		APPLICATI	ON FOR	PERMIT TO	DRILL	5. MINERAL LEA UTU-73		6. SURFACE: Federal
1A. TYPE OF WO	rk: [ORILL 🔽 R	EENTER [DEEPEN		7. IF INDIAN, AL	LOTTEE OR T	RIBE NAME:
B. TYPE OF WEI	LL: OIL	GAS 🗾 O	THER	SING	GLE ZONE MULTIPLE ZON	E . UNIT or CA A	GREEMENT N	AME:
2. NAME OF OPE	RATOR:	•				9. WELL NAME	and NUMBER:	
Enduring R	esources,	LLC						on 11-22-32-22
3. ADDRESS OF 475 17th St	., Ste 1500	C/+::	, STA	те CO 212 802	220 PHONE NUMBER: (303) 350-5719	10. FIELD AND Undesign	ated	
4. LOCATION OF	WELL (FOOTAG	ES)	63367	6 X	39.848131	11. QTR/QTR, S MERIDIAN:	ECTION, TOW	NSHIP, RANGE,
	1911' FNI PRODUCING ZO	1804' FEL _{ONE:} Same	4411	8604	39. 848131 - 109. 437501	SWNE 2	22 11S	22E
14. DISTANCE IN	MILES AND DIR	ECTION FROM NEAR	ST TOWN OR PO	ST OFFICE:		12. COUNTY:		13. STATE:
30.1 mile	s South of	f Ouray, UT				Uintah		UTAH
15. DISTANCE TO	NEAREST PRO	PERTY OR LEASE LIN	IE (FEET)	16. NUMBER OF	FACRES IN LEASE:	17. NUMBER OF ACRE	S ASSIGNED	TO THIS WELL:
1804'					1680			40 acres
18. DISTANCE TO	NEAREST WEL	L (DRILLING, COMPL	ETED, OR	19. PROPOSED	DEPTH:	20. BOND DESCRIPTION	DN:	
1000' +	R) ON THIS LEAS	SE (FEET)			8,370	RLB0008031		
21. ELEVATIONS	(SHOW WHETH	ER DF, RT, GR, ETC.)		22. APPROXIMA	ATE DATE WORK WILL START:	23. ESTIMATED DURA	TION:	
5965'	RT-KB			2/15/200)7 	20 days		
24.			PROPOS	SED CASING A	ND CEMENTING PROGRAM	Miles Trans.		
SIZE OF HOLE	CASING SIZE	, GRADE, AND WEIGH	IT PER FOOT	SETTING DEPTH	CEMENT TYPE, QU	ANTITY, YIELD, AND SLU	RRY WEIGHT	
20"	14"	line pipe		40	3 yards	Ready Mix		
11"	8-5/8"	J-55	24#	2,016	Premium Lead	138 sxs	3.50	11.1
·					Premium Tail	138 sxs	1.15	15.8
7-7/8"	4-1/2"	N-80	11.6#	8,370	Class G	139 sxs	3.3	
				····	50/50 Poz Class G	925 sxs	1.56	14.3
				<u>.</u>				
	<u></u>				0.1115.170			
25.					CHMENTS			
VERIFY THE FOL	LOWING ARE A	TTACHED IN ACCORE	ANCE WITH THE	UTAH OIL AND GAS C	ONSERVATION GENERAL RULES:			
✓ WELL PL	AT OR MAP PRE	PARED BY LICENSED	SURVEYOR OR	ENGINEER	COMPLETE DRILLING PLAN			
V EVIDENC	CE OF DIVISION	OF WATER RIGHTS A	PPROVAL FOR U	SE OF WATER	FORM 5, IF OPERATOR IS PE	ERSON OR COMPANY OT	HER THAN TH	IE LEASE OWNER
	F #	- D'#		 	Pagulatan, Af	faire Assistant		
NAME (PLEASE	PRINT) EVER	e bisseii	81		_{TITLE} Regulatory Aft	idiis Assistant		
SIGNATURE	pul	ute br	rsett		DATE 11/15/2006			
(This space for Sta	-	43-047-	38870	C	Approved by the Utah Division of Dil, Gas and Mining	an 11/ 1		1 7 2006

Federal Approval of this Action is Necessary

Date:

NUV 1 / 2006 DIV. OF OIL, GAS & MINING DIV. OF OIL, GAS & MINING

(11/2001)

API NUMBER ASSIGNED:

T11S, R22E, S.L.B.&M.

\$89.53'W - 80.20 (G.L.O.)2639.43' (Measured) S89°53'W G.L.O. (Basis of Bearings) S89*49'33"W - 2648.21' (Meas.) 1923 1923 1923 Brass Cap Brass Cap Brass Cap NO'02'W (G.L.O.) 1804 Drilling 1923 Brass Cop Window Brass Cap WELL LOCATION: BUCK CAMP CANYON 11-22-32-22 ELEV. UNGRADED GROUND = 5952.0° W. EO. 10.00N Brass Cap S89'53'13"W - 2644.61' (Meas.) S89*53'13"W - 2636.60' (Meas.)

\$89.56'W - 80.02 (G.L.O.)

♦

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (ROCK HOUSE)

BUCK CAMP CYN. 11-22-32-22 (Surface Location) NAD 83 LATITUDE = 39° 50′ 53.18″ LONGITUDE = 109° 26′ 17.54″

ENDURING RESOURCES

WELL LOCATION, BUCK CAMP CANYON 11-22-32-22, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 22, T11S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH.

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. – VERNAL, UTAH 84078 (435) 781–2501

,	<u> </u>	
DATE DRAWN: 1-24-06	SURVEYED BY: J.H.	SHEET
REVISED:	DRAWN BY: M.W.	2
NOTES:	SCALE: 1" = 1000'	OF 9

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Enduring Resources, LLC is considered to be the operator of the following well.

Buck Camp Canyon 11-22-32-22

Surface Location: SWNE 22-11S-22E

1911' FNL - 1804' FEL

Lease Serial No.: UTU-73175

Uintah County, Utah

Enduring Resources, LLC is responsible under the terms and conditions of the lease for the operations conducted upon leased lands. Bond coverage is provided by UTB000173.

Evette Bissett

Regulatory Affairs Assistant Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, CO 80202

well Bissett

(303) 350-5719

11/15/2006

Date

Enduring Resources, LLC Buck Camp Canyon 11-22-32-22 SWNE 22-11S-22E Uintah County, Utah

Federal Lease: UTU-73175

ONSHORE ORDER 1 - DRILLING PLAN

1. <u>Estimated Tops of Geological Markers:</u>

Formation	Depth (K.B.)
Uinta	Surface
Green River	1273
Wasatch	3702
Mesaverde	5885

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Substance	Formation	Depth (K.B.)
	KB-Uinta Elevation: 5965'	
Oil / Gas	Green River	1273
Oil /Gas	Wasatch	3702
Oil /Gas	Mesaverde	5885
	Estimated TD	8370

An 11" hole will be drilled to approximately 2000 feet. The depth will be determined by the depth that the Birds Nest zone is encountered. The hole will be drilled 400 feet beyond the top of the Birds Nest zone and surface casing will be set.

3. Pressure Control Equipment: (3000 psi schematic attached)

- A. Type: Eleven (11) inch double gate hydraulic BOP with eleven (11) inch annular preventer on 3,000 psi casinghead, with 3,000 psi choke manifold equipped per the attached diagram. BOPE as specified in *Onshore Oil & Gas Order Number 2*. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- B. Pressure Rating: 3,000 psi BOPE
- C. Kelly will be equipped with upper and lower Kelly valves.
- D. Testing Procedure: <u>Annular Preventer</u>

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:

A. Casing Program: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
					(MD)
20"	14" O.D.				40' (GL)
11"	8-5/8"	24#	J-55	ST&C	0 – 2,016' (KB) est.
7-7/8"	4-1/2"	11.6#	N-80	LT&C	0 – 8370' (KB)

The surface casing will have guide shoe. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and the next 16 joints with bowspring centralizers on every other collar (8 centralizers total). Thread lock guide shoe.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse(psi)/SF	Burst (psi)/SF	Tension(mlbs)/SF
40' (GL)	14" OD			
2016' (KB)	8-5/8", 24#/ft, J55, STC	1370/1.52(a)	2950/3.28(b)	244/5.81(c)
8370' (KB)	4-1/2", 11.6#/ft, N-80, LTC	6350/1.46(d)	7780/1.94 (e)	223/2.67(f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
- (b.) based on 8.6 ppg gradient with no fluid on annulus
- (c.) based on casing string weight in 8.6 ppg mud
- (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
- (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
- (f.) based on casing string weight in 9.2 ppg mud

PROPOSED CEMENTING PROGRAM

Surface Casing (if well will circulate)-Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft³/sx)
8-5/8"	Lead	1516	Premium cement + 16% gel + 0.25 pps celloflake	138	25%	11.1	3.50
8-5/8"	Tail	500	Premium cement + 2% CaC ₂ + 0.25 pps celloflake	138	25%	15.8	1.15

A cement top job is required if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂.+0.25 pps celloflake. Volume as required

Surface Casing (if well will not circulate) - Cemented to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	sxs	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead	500	Premium cement + 2% CaCl ₂ + 0.25 pps celloflake	138	25	15.8	1.15
8-5/8"	Top job	As req.	Premium cement + 3% CaCl ₂ + 0.25 pps celloflake	As Req.		15.8	1.15

Production Casing and Liner - Cemented TD to 300' above base of surface casing

CASING	SLURRY	FT.	CEMENT TYPE	SXS	EXCESS	WEIGHT	YIELD
		of FILL		٠	(%)	(ppg)	(ft ³ /sx)
4-1/2"	Lead	1586	Class "G" + 5% NaCl + 12% Gel + 0.25 pps celloflake + 0.2% antifoam + 0.25% fluid loss + 1% extender	139	25	11.0	3.3
4-1/2"	Tail	5068	50/50 POZ Class G + 2% gel +1% CaCl ₂ + 0.2% dispersant + 0.2% fluid loss + 0.1% antifoam	925	25	14.3	1.56

Cement volumes for the 4-1/2" Production Casing will be calculated to provide a top of cement to 300' above base of surface casing. Cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. <u>Drilling Fluids (mud) Program:</u>

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 2016' (KB)		No cntrl		Air/mist
2000'-3000' (KB)	8.4-8.6	No cntrl	28-36	Water
3000'-8370' (KB)	8.8-9.8	8 - 10 ml	32-42	Water/Gel

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests:

No tests are currently planned.

Coring:

No cores are currently planned.

Samples:

No sampling is currently planned.

Logging

- Dual Induction SFL /Gamma Ray/Caliper/SP/TDLT/CNL/ML TD to Base Surface Casing
- Cement Bond Log / Gamma Ray:
 TD to Base of Surface Casing or Top of Cement if below Base of Surface Casing

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

Maximum anticipated bottom hole pressure equals approximately 4352 psi (calculated at 0.52psi/foot of hole) and maximum anticipated surface pressure equals approximately 2511 psi (anticipated bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot of hole).

8. Anticipated Starting Dates:

Anticipated Commencement Date- Within one year of APD issue.

Drilling Days Approximately 10 days

Completion Days - Approximately 10 days

• Anticipate location construction within 30 days of permit issue.

9. Variances:

None anticipated

10. Other:

A Cultural Resource Inventory and Paleontology reconnaissance shall be conducted for the well location, access route and pipeline. The reports shall be submitted to the Division of Oil, Gas and Mining and the School and Institutional Trust lands Administration upon their receipt.

Single Shot directional surveys will be dropped every 2000 feet to monitor hole angle.

Directions to the Buck Canyon 11-22-32-22 Well Pad

Beginning at the city of Ouray, Utah. Leave the city of Ouray heading south on Turkey Trak road for a distance of approximately 9.1 miles to a point where the road forks. Turn left onto Seep Ridge Road and continue heading for a distance of approximately 2.3 miles where there is a turn-off to the left. Turn left and head easterly on for a distance of approximately 5.2 miles where there is a fork in the road. Turn-off to the right and head southeasterly for a distance of approximately 6.3 miles (2.7 miles + 3.6 miles. See Topo 'A') to a turn to the left. Turn left and head southerly for a distance of approximately 5.2 miles to a turn to the left. Turn left and head northeasterly for approximately 1.7 miles to the beginning of the proposed access. Turn left and head north along proposed access for a distance of approximately 3,390' to the proposed Buck Canyon 11-22-32-22 well pad.

Enduring Resources, LLC Buck Camp Canyon 11-22-32-22 SWNE 22-11S-22E Uintah County, Utah

Federal Lease: UTU-73175

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Beginning at the city of Ouray, Utah head south on Turkey Trak road for a distance of approximately 9.1 miles to a point where the road forks. Turn left onto Seep Ridge Road and continue heading for a distance of approximately 2.3 miles where there is a turn-off to the left. Turn left and head easterly on for a distance of approximately 5.2 miles where there is a fork in the road. Turn-off to the right and head southeasterly for a distance of approximately 6.3 miles (2.7 miles + 3.6 miles, See Topo 'A') and turn to the left. Turn left and head southerly for a distance of approximately 5.2 miles and turn to the left. Head northeasterly for approximately 1.7 miles to the beginning of the proposed access. Turn left and head north along proposed access for a distance of approximately 3,390' to the proposed Buck Canyon 11-22-32-22 well pad.

2. Planned Access Roads:

The proposed access road will be approximately 3,390 feet of new construction. Please refer to Topo Map "B" for the takeoff point for the new ON-LEASE road construction. Access into section 22 will be East Bench Road (County Road 4130) onto an existing two-track road, which will be upgraded.

The proposed access road will be utilized to transport personnel, equipment and supplies to and from the proposed well site during drilling, completion and production operations. The road will be utilized year round.

The access road will be crowned 2% to 3%, ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet right-of-way. Maximum grade of road is 5% or less. Graveling or capping the roadbed will be performed as necessary to provided a well constructed, safe road. No fence crossings, culverts, turnouts, cattle guards or major cuts and fills are required. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development. 1989.</u>

The road surface and shoulders will be kept in a safe usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells within a One-Mile radius (See "Topo" Map "C" attached):

The following wells are wells located within a one (1) mile radius of the proposed location.

None: Water Wells: a. **Injection Wells:** b. None: **Producing Wells:** (2): C. Lizzard 1122-210, SWSE 21 1. Buck Camp 11-22-11-26, NWNW 26 2. d. None: **Drilling Wells:** Shut-in Wells: None: e. Temporarily Abandoned Wells: f. None: Disposal Wells: None: g. **Abandoned Wells: (1)**: h.

g): Abandoned Wells:

1. East Bench 1-23, NWNW 23
None: Dry Holes:

i. None: Dry Holes:j. None: Observation Wells:

k. (4): Pending (staked) Wells:

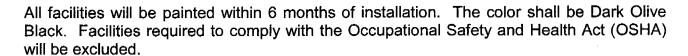
1. Enduring Resources has four other wells staked in this section

4. Location of Existing and/or Proposed Facilities:

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank and be independent of the back cut.

All permanent (on site for six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the rocky Mountain Five State Inter-Agency Committee



Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Gas Gathering Pipeline: ON-LEASE 4,050' +/- BLM OFF-LEASE 10,144' +/- BLM

If the well is capable of economic production, a surface gas gathering line and related equipment shall be installed for year around usage. Approximately 14,194 feet of 6" or less surface gas gathering pipeline shall be laid to minimize surface disturbance.

The proposed pipeline will begin at the well site, be laid on the east side of the access road and the two-track road and tie-into pipeline located next to East Bench Road (County Road 4130).

The meter run will be housed. The gas gathering line will be buried or anchored down from the wellhead to the meter.

Upon plugging and abandonment, the gas gathering line will be removed and the disturbed area will be re-contoured and restored as near as practical to the original condition. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

5. <u>Location and Type of Water Supply:</u>

Whenever practical, water will be obtained from Enduring Resources LLC Water Right Number 49-2215 or Water Right Number 49-2216 (*See Townships of permitted Use below). If those sources are not available, a new water source shall be submitted prior to commencing operations. (These permits have one-year terms and then must be renewed) *Enduring Water Permits' Townships of Use:

T10S-R22E	<u>T11S-R22E</u>	T12S-R22E
T10S-R23E	T11S-R23E	T12S-R23E
T10S-R24E	T11S-R24E	T12S-R24E

Water will be hauled to the location over the roads marked on "Topo" Maps "A" and "B."

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized for location and access road construction.

Any gravel will be obtained from a commercial source; however, gravel sized rock debris associated with location and access road construction may be used as access road surfacing material.

7. <u>Methods of Handling Waste Materials:</u>

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit well be constructed on the location and will not be located within natural drainage, where a flood hazard exits or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, brake or allow discharge of liquids.

The reserve pit will be lined with ¼ felt and a minimum of 16 mm plastic with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the will be disposed of in the pit.

A chemical portable toilet will be furnished with the drilling rig. The toilet will be replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

Garbage, trash and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash well be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported or disposed of in association with the drilling, completion or testing of this well.

Produced oil will be stored in an oil tank and then hauled by truck to a crude purchaser facility. Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to an approved disposal site.

8. Ancillary Facilities:

During drilling operations, approximately 20 days, the site will be a manned camp. Three or four additional trailers will be on location to serve as the crews' housing and eating facilities. These will be located on the perimeter of the pad site within the topsoil stockpiles. Refer to Sheet 4.

9. Well Site Layout: (Refer to Sheets #2, #3, and #4)

The attached Location Layout Diagrams described drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpiles(s).

Please see the attached diagram for rig orientation and access roads.

The top soil will be windrowed rather than piled. It will be reseeded and track walker at the time the location is constructed. Seeding will be with the determined during the onsite. (Refer to "Seed Mixture for Windrowed Top Soil Will included:" following herein.

The top soil removed from the pit area will be store separately and will not be reseeded until the pit is reclaimed.

All pits shall be fence to the following minimum standards:

- a. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- b. The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches over the new wire. Total height of the fence shall be at least 42 inches.
- c. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- d. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two fence posts shall be no greater than 16 feet.
- e. All wire shall be stretched by, using a stretching device, before it is attached to corner posts.
- f. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.
- g. Location size may change prior to drilling the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling, the location will be re-surveyed and a Form 9 will be submitted.

10. Plans for Surface Reclamation:

Producing Location:

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, materials, trash and debris not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 40CFR 3162.7.
- c. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

- d. The reserve pit and that portion of the location not needed for production facilities / operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.
- e. To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface 3 feet above surrounding round surface to allow the reclaimed pit area to drain effectively.
- f. Upon completion of back filling, leveling and re-contouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

- i. Abandoned well sites, roads and other disturbed areas will be restored as nearly as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions and re-establishment of vegetation as specified.
- ii. All disturbed surfaces will be re-contoured to the approximated natural contours with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. If necessary, re-seeding operations will be performed after completion of other reclamation operations.

Seed Mixture for Windrowed Top Soil Will Included:

To be provided by the BLM

11. Surface Ownership: Location, Access and Pipeline Route:

Wellsite: Bureau of Land Management

Access: Bureau of Land Management

Pipeline: Bureau of Land Management

12. Other Information

On-site Inspection for Location, Access and Pipeline Route:

The on-site was conducted on September 21, 2006

Attending were:

- 1. Melissa Hawk BLM
- Brandon McDonald BLM
- 3. Darren Williams BLM
- 4. Mike Stewart Ponderosa Construction
- 5. Dennis Petty Tristate
- 6. Doug Hammond Enduring Resources

Special Conditions of Approval: None for this well(s).

Archeology:

a. A Cultural Resource Inventory Report is pending and to be prepared by Montgomery Archaeological Consultants.

Paleontology:

b. A Paleontology Reconnaissance Report is pending and to be prepared by Intermountain Paleo-Consulting.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

13. Lessee's or Operator's Representatives:

Representatives:

Alvin R. (Al) Arlian Landman – Regulatory Specialist Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5114

Fax Tel: 303-573-0461

aarlian@enduringresources.com

Teme Singleton Vice President – Operations Enduring Resources, LLC 475 17th Street, Suite 1500 Denver, Colorado 80202 Office Tel: 303-350-5711 Fax Tel: 303-573-0461

tsingleton@enduringresources.com

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his/her/its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/here/its contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by Enduring Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Please be advised that Enduring Resources, LLC is considered to be the operator of the Buck Camp Canyon 11-22-32-22 Well; SWNE Section 22, Township 11 South, Range 22 East; Lease #:UTU-73175 Uintah County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by BLM Statewide Oil & Gas Lease Bond No. UTB000173 and State of Utah, Division of Oil, Gas & Mining Surety Bond No. RLB0008031

ENDURING RESOURCES, LLC

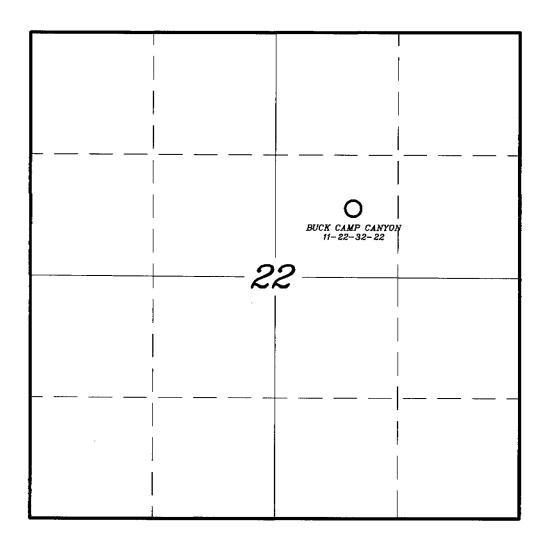
Alvin (AI) R. Arlian

Al arlean 4B

Landman – Regulatory Specialist

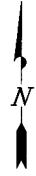
November 15, 2006

T11S, R22E, S.L.B.&M.



ENDURING RESOURCES

SECTION DRILLING MAP
BUCK CAMP CANYON 11-22-32-22



LEGEND

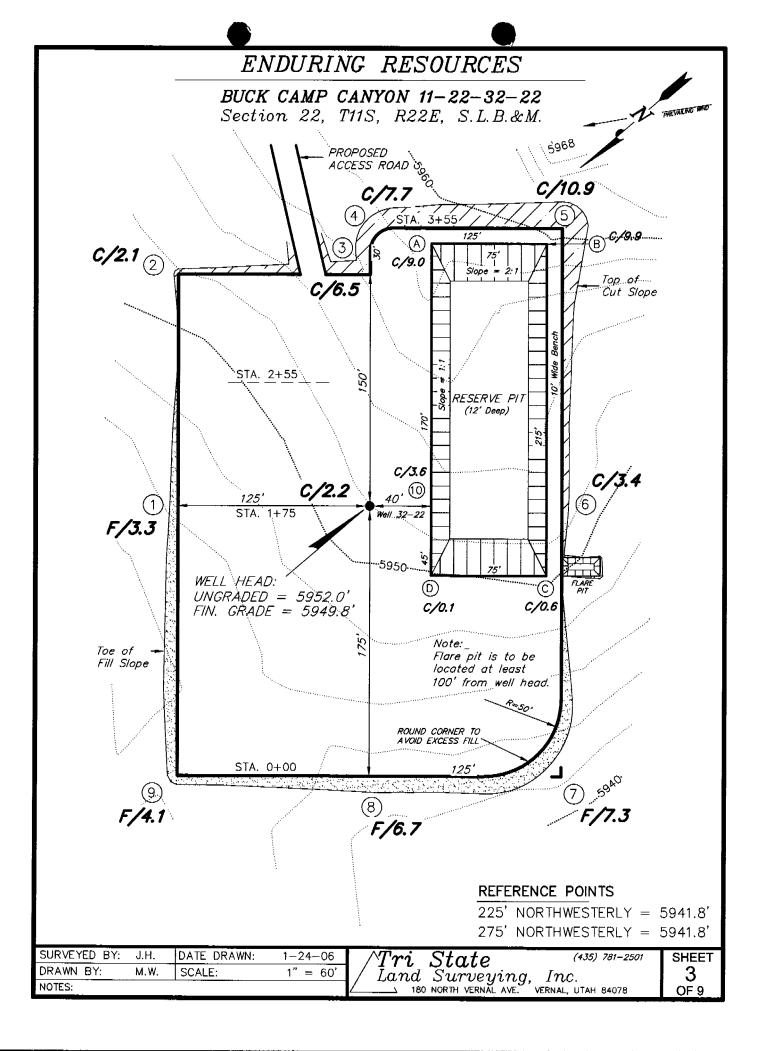
O = Vertical Well

= Directional Well (Bottom Hole)

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

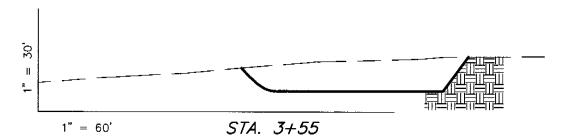
(433) 761-2301					
DATE DRAWN: 1-24-06	SURVEYED BY: J.H.	SHEET			
REVISED:	DRAWN BY: M.W.] 1			
NOTES:	SCALE: 1" = 1000'	OF 9			

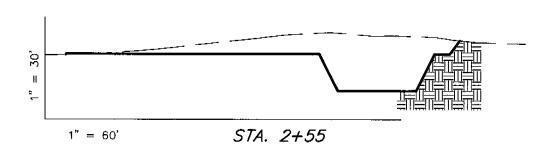


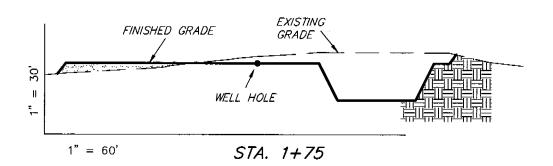
ENDURING RESOURCES

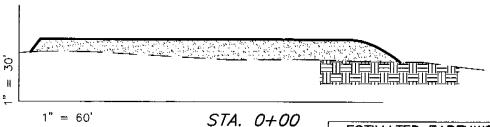
CROSS SECTIONS

BUCK CAMP CANYON 11-22-32-22









NOTE: UNLESS OTHERWISE NOTED

CUT SLOPES ARE AT 1:1 FILL SLOPES ARE AT 1.5:1

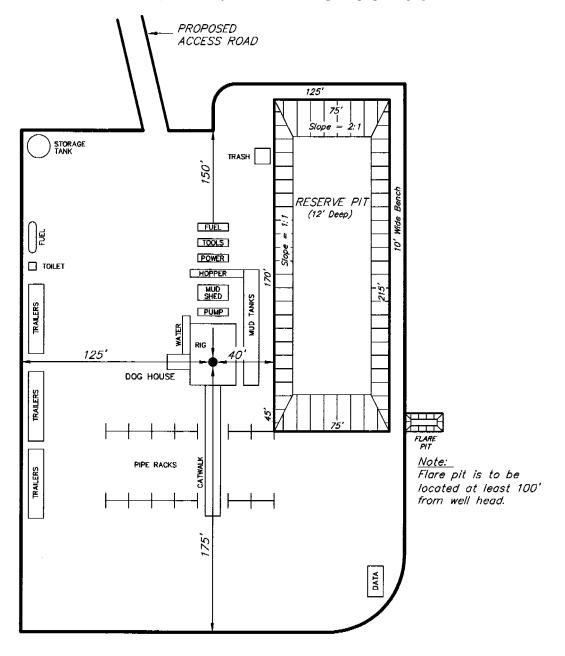
ESTIMATED EARTHWORK QUANTITIES	_
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)	

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	6,230	6,180	Topsoil is	50
PIT	5,390	0	in Pad Cut	5,390
TOTALS	11,620	6,180	1,740	5,440

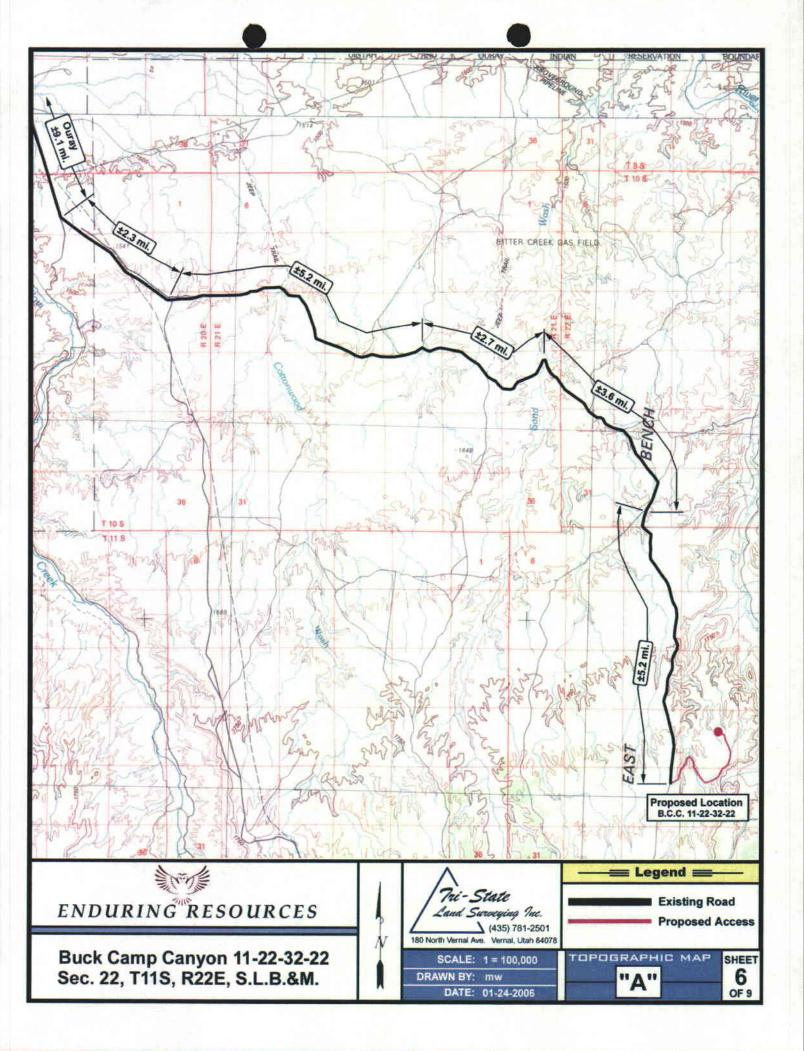
SURVEYED BY:	J.H.	DATE DRAWN:	1-24-06	riangle Tri $State$	(435) 781–2501	SHEET
DRAWN BY:	M.W.	SCALE:	1" = 60'	/ Land Surveying, Inc		4
NOTES:				/	JTAH 84078	OF 9

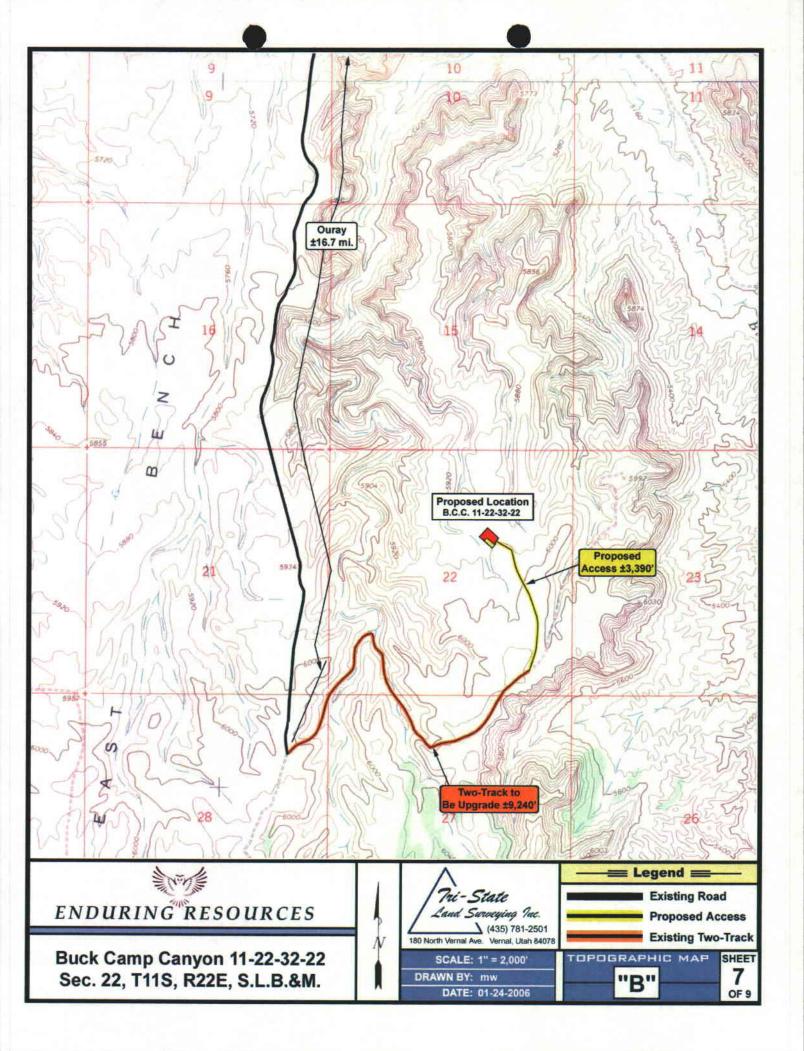
ENDURING RESOURCES

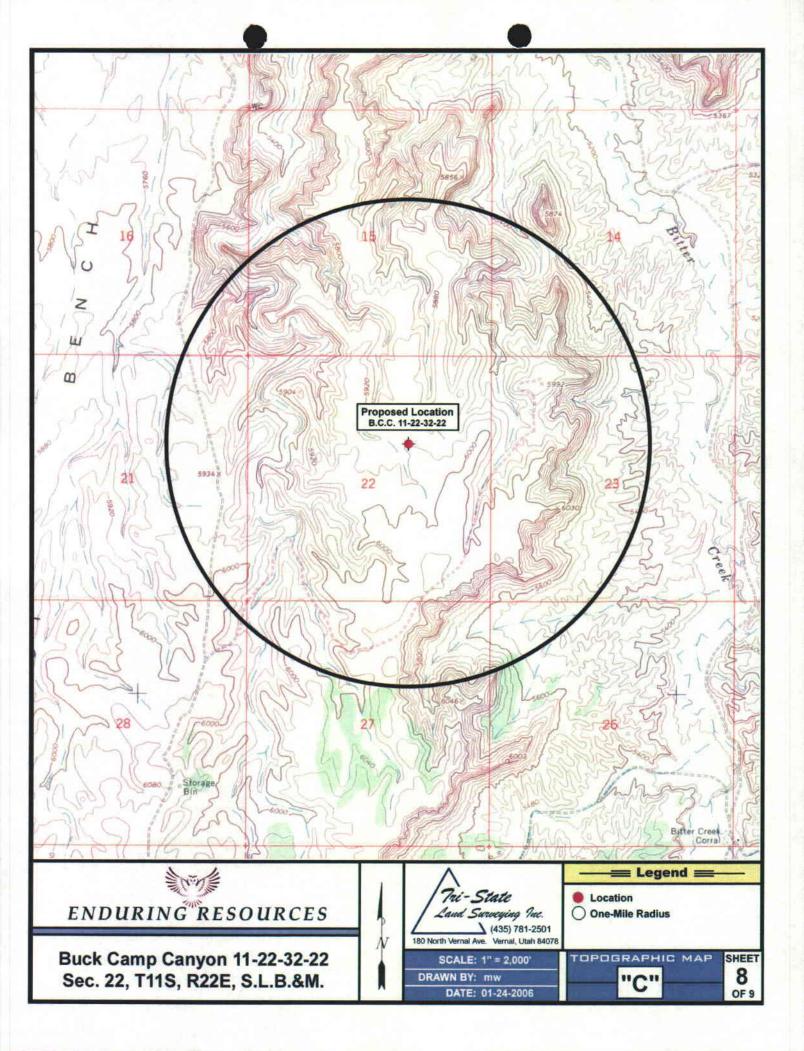
TYPICAL RIG LAYOUT BUCK CAMP CANYON 11-22-32-22

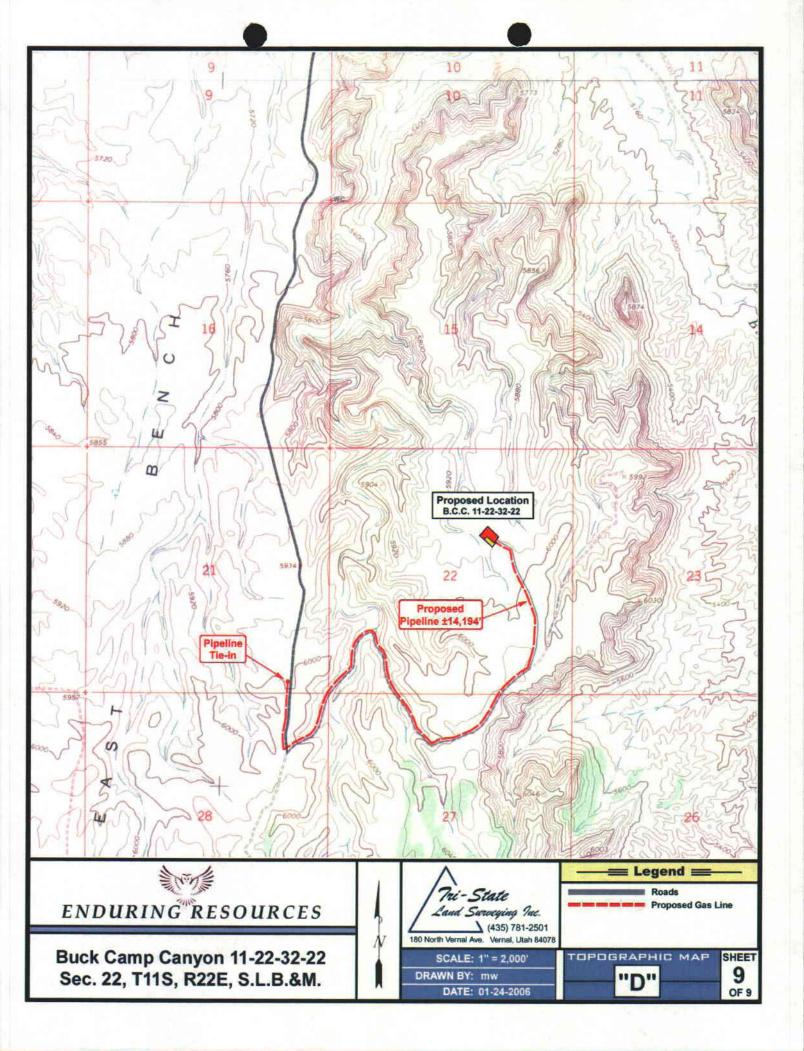


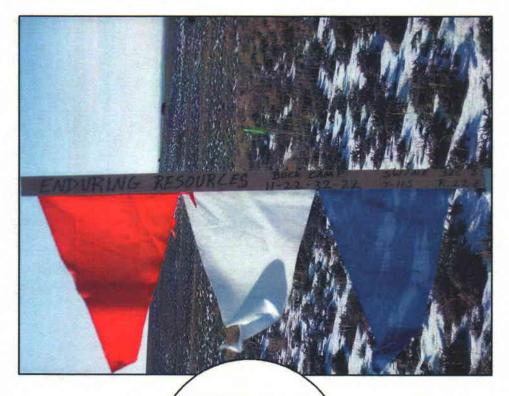
SURVEYED BY:	J.H.	DATE DRAWN:	1-24-06	∕Tri State	(435) 781–2501	SHEET
DRAWN BY:	M.W.	SCALE:	1" = 60'	/ Land Surveying.	Inc.	5
NOTES:				,	RNAL, UTAH 84078	OF 9











和沙漠 ENDURING RESOURCES B.C.C. 11-22-32-22

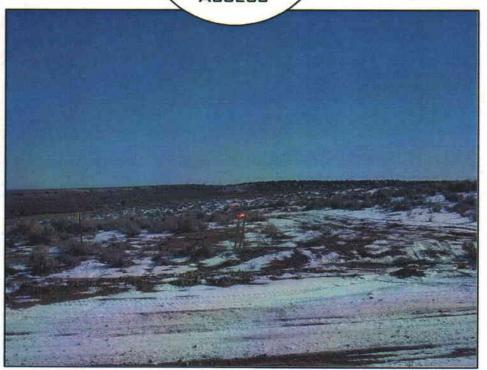
CENTER STAKE

Date Photographed: 01/21/2006

Date Drawn: 01/24/2006 Drawn By: mw

LOOKING EAST ACCESS

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078





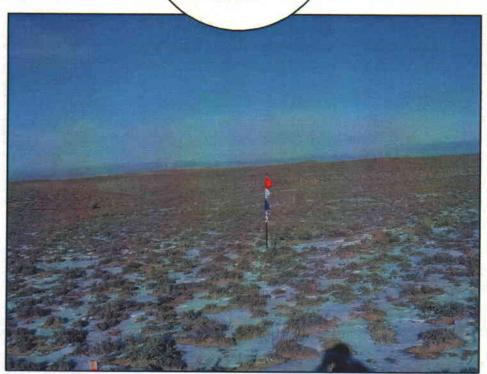
ENDURING RESOURCES B.C.C. 11-22-32-22

NORTH

Date Photographed: 01/21/2006 Date Drawn: 01/24/2006 Drawn By: mw

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernel Ave. Vernel, Uteh 84078

EAST





ENDURING RESOURCES B.C.C. 11-22-32-22

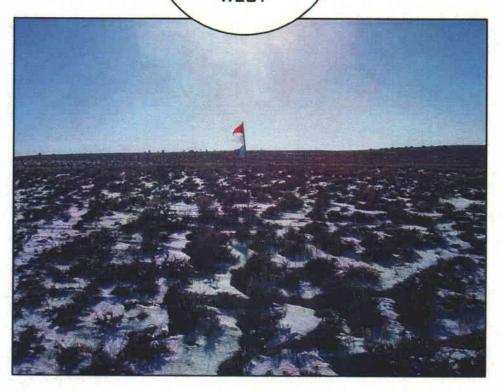
SOUTH

Date Photographed: 01/24/2006

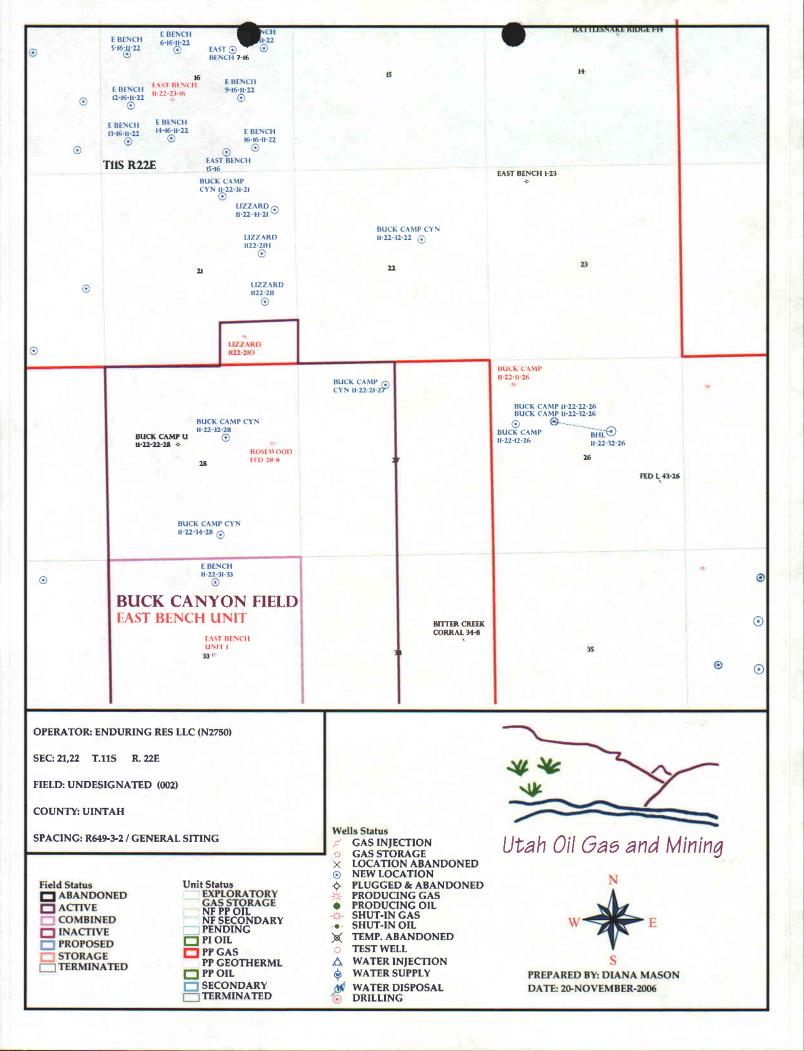
Date Drawn: 01/24/2006 Drawn By: mw

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

WEST



APD RECEIVED: 11/17/2006	API NO. ASSIG		-38870
WELL NAME: BUCK CAMP CYN 11-22-32-22 OPERATOR: ENDURING RESOURCES, LLC (N2750) CONTACT: EVETTE BISSETT	PHONE NUMBER:	303-350-5719)
PROPOSED LOCATION:	INSPECT LOCATE		/
SWNE 22 110S 220E	Tech Review	Initials	Date
SURFACE: 1911 FNL 1804 FEL BOTTOM: 1911 FNL 1804 FEL	Engineering		
COUNTY: UINTAH	Geology		
LATITUDE: 39.84813 LONGITUDE: -109.4375 UTM SURF EASTINGS: 633676 NORTHINGS: 44118	60 Surface		
FIELD NAME: UNDESIGNATED (2)	1	
LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-73175 SURFACE OWNER: 1 - Federal	PROPOSED FORMA COALBED METHAN)
Plat Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. RLB0008031) No. Potash (Y/N) No. Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-2215) RDCC Review (Y/N) (Date:) NA Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: R649-3-2. Gener Siting: 460 From Q R649-3-3. Excepto Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directors	tr/Qtr & 920' Be	
STIPULATIONS: 1- Edux Oppre 2-Spacing Str			
		Alexandria de la compansión de la compan	<u> </u>





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

November 21, 2006

Enduring Resources, LLC 475 17th St., Ste. 1500 Denver, CO 80202

Re:

Buck Camp Canyon 11-22-32-22 Well, 1911' FNL, 1804' FEL, SW NE,

Sec. 22, T. 11 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38870.

Sincerely

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor (via e-mail)

Bureau of Land Management, Vernal District Office

Operator:	Enduring Resources, LLC			
Well Name & Number	Buck Camp Canyon 11-22-32-22			
API Number:	43-047-38870			
Lease:	UTU-7:	3175		
Location: <u>SW NE</u>	Sec. 22_	T. 11 South	R. 22 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS AND MINING



FORM 9

		UTU73175				
SUNDRY NOTICES AND REPORTS ON WELLS				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oons.	n/a 7. UNIT OF CA AGREEMENT NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				n/a		
1. T	YPE OF WELL OIL WELL			8. WELL NAME and NUMBER:		
0.11	AME OF OPERATOR:			Buck Camp Canyon 11-22-32-22 9. API NUMBER:		
En	during Resources, LLC			4304738870		
	DDRESS OF OPERATOR:	Denver CO 80202	PHONE NUMBER: (303) 350-5719	10. FIELD AND POOL, OR WILDCAT: Undesignated		
	5 17th Street, Suite 1500 CIT DOCATION OF WELL	Denver STATE CO ZIP 80202	(303) 330-37 19	Ondesignated		
F	DOTAGES AT SURFACE: 1911	NL - 1804' FEL		COUNTY: Uintah		
0	TRICTE SECTION TOMINGUID BAN	MERIDIAN: SWNE 22 11S 22E S		STATE:		
Q	TRUETS, SECTION, TOWNSHIP, RAN	, MERIDIAN: 3VVINE 22 113 22E 3		UTAH		
11.	CHECK APP	PRIATE BOXES TO INDICATE NATURE	OF NOTICE, REPO	PRT, OR OTHER DATA		
	TYPE OF SUBMISSION		TYPE OF ACTION			
V	NOTICE OF INTENT	ACIDIZE DEEPEN		REPERFORATE CURRENT FORMATION		
LJ	(Submit in Duplicate)	ALTER CASING FRACTUR	RE TREAT	SIDETRACK TO REPAIR WELL		
	Approximate date work will start:	CASING REPAIR NEW COL	ISTRUCTION	TEMPORARILY ABANDON		
		CHANGE TO PREVIOUS PLANS OPERATO	OR CHANGE	TUBING REPAIR		
_		CHANGE TUBING PLUG AN	D ABANDON	VENT OR FLARE		
	SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BA	СК	WATER DISPOSAL		
	(Submit Original Form Only)	CHANGE WELL STATUS PRODUC	TION (START/RESUME)	WATER SHUT-OFF		
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAM	ATION OF WELL SITE	✓ other: Request for APD		
		CONVERT WELL TYPE RECOMP	LETE - DIFFERENT FORMATION	Extension		
12.	DESCRIBE PROPOSED OR CO	PLETED OPERATIONS. Clearly show all pertinent details	ncluding dates, depths, volun	nes, etc.		
			-			
				· ·		
	Enduring Resources,	C respectfully request an extension to the	expiration date of thi	s Application for Permit to Drill		
	FROM: 11/21	007	A	, the		
	TO: 11/21	008	Approved by Utah Division	y uie		
			Oil, Gas and I	Minina		
			Oll, Gas and I	Anturia		
			.1 - 5	~ ~ ~		
			Date: 11-20-	971		
	Z (N/OIN))					
			By:	A CONTRACTOR OF THE PARTY OF TH		
	1 -					
	NAME (BLEASE BRINT) Alvin R. (Al) Arlian TITLE Landman - Regulatory Specialist					
NAM	E (PLEASE PRINT) Alvin R. (A	diatory Specialist				
SIGNATURE						

(This space for State use only)

(5/2000)

COPY SEM TO CHESTIC

RECEIVED NOV 1 9 2007



(this form should accompany the Sundry Notice requesting permit extension)

API:

4304738870

Well Name: Buck Camp Canyon 11-22-32-22
Location: 1911' FNL - 1804' FEL, SWNE, Sec 22, T11S-R22E
Company Permit Issued to: Enduring Resources, LLC
Date Original Permit Issued: 11/21/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No□
11/12/2007
Signature Date
Title: Landman - Regulatory Specialist
Representing: Enduring Resources, LLC

RECEIVED NOV 1 9 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINION FIDENTIAL	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU73175
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	n/a 8. WELL NAME and NUMBER:
OIL WELL GAS WELL OTHER	Buck Camp Canyon 11-22-32-22
2. NAME OF OPERATOR:	9. API NUMBER:
Enduring Resources, LLC 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304738870 10. FIELD AND POOL, OR WILDCAT:
475 17th Street, Suite 1500 CITY Denver STATE CO ZIP 80202 (303) 350-5719	Undesignated
4. LOCATION OF WELL	I Boards
FOOTAGES AT SURFACE: 1911' FNL - 1804' FEL	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 22 11S 22E S	STATE:
	UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	DEPENDENT OURDENT FORMATION
NOTICE OF INTENT (Submit in Duplicate) ACIDIZE DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Request for APD
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	Extension
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume	ss, etc.
Enduring Resources, LLC respectfully request an extension to the expiration date of this	Application for Permit to Drill
Enduring Nesodices, LEO respections request air extension to the expiration date of this	Application for Fernit to British
FROM: 11/20/2008	
TO: 11/20/2009 Approved by the Utah Division of	
Olan Division of Olan D	
On, das and winning	
11 22 200	
Date: 1 - Constant	COPY SENT TO OPERATOR
By:	Date: 11 · 24 · 2008
Dy.	
	Initials: <u>LS</u>
NAME (PLEASE PRINT) Alvin R. (Al) Arlian TITLE Landman - Regul	atory Specialist
DATE 11/10/2008	
SIGNATURE DATE 11/10/2000	
(This space for State use only)	RECEIVED

NOV 2 0 2003 DIV. OF OIL, GAS & MINING



(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738870 Well Name: Buck Camp Canyon 11-22-32-22 Location: 1911' FNL - 1804' FEL, SWNE, Sec 22, T11S-R22E Company Permit Issued to: Enduring Resources, LLC Date Original Permit Issued: 11/21/2006				
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.				
Following is a checklist of some items related to the application, which should be verified.				
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes□No□				
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes□ No ☑				
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□ No ☑				
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑				
Has the approved source of water for drilling changed? Yes□No☑				
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑				
Is bonding still in place, which covers this proposed well? Yes ☑No□				
Signature Date				
Title: Administrative Assistant				
Representing: Enduring Resources, LLC RECEIVED				

NOV 2 0 2008

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR	rces	FORM 9
DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73175
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepo gged wells, or to drill horizontal laterals		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BUCK CAMP CYN 11-22-32-22
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047388700000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,	Denver, CO, 80202 30	PHONE NUMBER: 3 350-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1911 FNL 1804 FEL	TO DANCE MEDITION		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 22	Township: 11.0S Range: 22.0E Meridiar	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION DIPPLETED OPERATIONS. Clearly show all p	o APD term.	 NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER:
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBE 303 350-5114	ER TITLE Landman-Regulatory	
SIGNATURE N/A	303 330-3114	DATE 12/1/2009	



Sig

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047388700000

API: 43047388700000

Well Name: BUCK CAMP CYN 11-22-32-22

Location: 1911 FNL 1804 FEL QTR SWNE SEC 22 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 11/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If loca	•	or some items related to the application, which shou ownership changed, if so, has the surface agreement	
	any wells been drilled in the requirements for this location	vicinity of the proposed well which would affect the s n? 📵 Yes 📵 No	spacing or
	nere been any unit or other a s proposed well? 🔵 Yes 📵	greements put in place that could affect the permitting No	ng or operation
	there been any changes to the the proposed location?	e access route including ownership, or rightof- way, Yes 📵 No	which could
• Has th	ne approved source of water	or drilling changed? 📗 Yes 🌘 No	
		ges to the surface location or access route which wil cussed at the onsite evaluation? 🧻 Yes 🌘 No	l require a
• Is bor	nding still in place, which cov	Approved ers this proposed well? (a) Yes (b) No Utah Divi Oil, Gas an	sion of
nature:	Alvin Arlian	Date: 12/1/2009	
Title:	Landman-Regulatory Represe	nting: ENDURING RESOURCES, LLC Date: Decem	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73175	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use	isting wells below current APPLICATION FOR PERMIT TO	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BUCK CAMP CYN 11-22-32-22
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047388700000
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1500,		NUMBER:)-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1911 FNL 1804 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 22	P, RANGE, MERIDIAN: Township: 11.0S Range: 22.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION MPLETED OPERATIONS. Clearly show all pertinal an one-year extension to APD to	ent details including dates, depths, vermination date.	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER: Olumes, etc. Approved by the Utah Division of Oil, Gas and Mining 11/18/2010 y:
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER	TITLE Landman-Regulatory	
SIGNATURE N/A	303 350-5114	DATE 11/17/2010	



Sig

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047388700000

API: 43047388700000

Well Name: BUCK CAMP CYN 11-22-32-22

Location: 1911 FNL 1804 FEL QTR SWNE SEC 22 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 11/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

ire revis	sion. Following is a checkli	st of some items related to the application, which should be verified.
	ited on private land, has thed? 🔵 Yes 🌘 No	ne ownership changed, if so, has the surface agreement been
	any wells been drilled in th requirements for this loca	ne vicinity of the proposed well which would affect the spacing or tion? Yes No
	ere been any unit or other proposed well? () Yes	agreements put in place that could affect the permitting or operation No
	there been any changes to the proposed location?	the access route including ownership, or rightof- way, which could Yes 📵 No
• Has th	e approved source of wate	er for drilling changed? 🔵 Yes 🌘 No
		anges to the surface location or access route which will require a discussed at the onsite evaluation? (Yes (No
• Is bon	nding still in place, which c	Approved by the overs this proposed well? (a) Yes (b) No Utah Division of Oil, Gas and Mining
nature:	Alvin Arlian	Date: 11/17/2010 11/18/2010
Title:	Landman-Regulatory Repres	senting: ENDURING RESOURCES, LLC Date: 11/16/2010
		By: Justill

Sundry Number: 20528 API Well Number: 43047388700000

	STATE OF UTAH	_	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73175
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen igged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: BUCK CAMP CYN 11-22-32-22
2. NAME OF OPERATOR: Enduring Resources, LLC			9. API NUMBER: 43047388700000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700, E		NE NUMBER: 0-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1911 FNL 1804 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNE Section: 22	P, RANGE, MERIDIAN: Township: 11.0S Range: 22.0E Meridian:	5	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
11/21/2011	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
·	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
Report Date:	□ WILDCAT WELL DETERMINATION	OTHER	OTHER:
			<u></u>
	ompleted operations. Clearly show all per n one-year extension to APD t		volumes, etc.
			Ammunical by the
			Approved by the Utah Division of
			Oil, Gas and Mining
			11/23/2011
		T T	Date: (3)
		1	en foogsill
			J. Davidson
NAME (PLEASE PRINT) Alvin Arlian	PHONE NUMBER 303 350-5114	TITLE Landman-Regulatory	
SIGNATURE N/A		DATE 11/21/2011	

Sundry Number: 20528 API Well Number: 43047388700000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047388700000

API: 43047388700000

Well Name: BUCK CAMP CYN 11-22-32-22

Location: 1911 FNL 1804 FEL QTR SWNE SEC 22 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 11/21/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

 If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
 Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
 Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? Yes No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No

Signature: Alvin Arlian Date: 11/21/2011

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC

Sundry Number: 32380 API Well Number: 43047388700000

	STATE OF UTAH			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-73175	
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significan reenter plugged wells, or to drill hor n for such proposals.	tly deep izontal l	en existing wells below aterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: BUCK CAMP CYN 11-22-32-22
2. NAME OF OPERATOR: Enduring Resources, LLC				9. API NUMBER: 43047388700000
3. ADDRESS OF OPERATOR: 511-16th Street, Suite 700	, Denver, CO, 80202		NE NUMBER: 350-5114 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1911 FNL 1804 FEL				COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 22 Township: 11.0S Range: 22.0E M	eridian:	S	STATE: UTAH
11. CHECK	K APPROPRIATE BOXES TO INDIC	CATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
11/21/2012	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN		RACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON	PLUG BACK
			RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME			
Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
_	L TUBING REPAIR	□ \	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	∐ s	SI TA STATUS EXTENSION	✓ APD EXTENSION
	WILDCAT WELL DETERMINATION		OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly sho	ow all pe	rtinent details including dates, d	lepths, volumes, etc.
Request for a	an one-year extension to A	APD e	xpiration date.	Approved by the
				Utah Division of Oil, Gas and Mining
				Date: November 26, 2012
				By: Bacylll
NAME (PLEASE PRINT)	PHONE NU	MBER	TITLE	
Alvin Arlian	303 350-5114		Landman-Regulatory	
SIGNATURE N/A			DATE 11/26/2012	

Sundry Number: 32380 API Well Number: 43047388700000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047388700000

API: 43047388700000

Well Name: BUCK CAMP CYN 11-22-32-22

Location: 1911 FNL 1804 FEL QTR SWNE SEC 22 TWNP 110S RNG 220E MER S

Company Permit Issued to: ENDURING RESOURCES, LLC

Date Original Permit Issued: 11/21/2006

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 Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
 Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
D. (

Signature: Alvin Arlian Date: 11/26/2012

Title: Landman-Regulatory Representing: ENDURING RESOURCES, LLC



Buck Camp Cyn 11-22-32-22

Al Arlian <AArlian@enduringresources.com>
To: Diana Mason <dianawhitney@utah.gov>

Thu, Nov 21, 2013 at 11:27 AM

4304738870 We will not request an extension of the APD for the Buck Camp Canyon 11-22-32-22.

Thanks,

Alvin R. (AI) Arlian

Landman, CPL - Regulatory Specialist

Enduring Resources, LLC

511-16th Street, Suite 700

Denver, Colorado 80202

Direct: 303-350-5114

Cell: 303-880-3841

Fax: 303-573-0461



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

November 21, 2013

JOHN R. BAZA
Division Director

Al Arlian Enduring Resources, LLC 511-16TH Street, Suite 700 Denver, CO 80202

Re:

APD Rescinded - Buck Camp Cyn 11-22-32-22, Sec. 22, T. 11S, R. 22E

Uintah County, Utah API No. 43-047-38870

Dear Mr. Arlian:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 21, 2006. On November 20, 2007, November 20, 2008, December 1, 2009, November 18, 2010, November 23, 2011 and November 26, 2012 the Division granted a one-year APD extension. On November 21, 2013, you requested that the division rescind the state 0pproved APD. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective November 21, 2013.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

and The (45 or 2

cc:

Well File

Bureau of Land Management, Vernal





United States Department of the Interior

BUREAU OF LAND MANAGEMENT Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078



JAN 24 2014

http://www.blm.gov/ut/st/en/fo/vernal.html

IN REPLY REFER TO: 3160 (UTG011)

Al Arlian Enduring Resources, LLC 511 16th Street, Suite 700 Denver, CO 80202

43 047 38870

Re: Request to Return APD

Well No. Buck Camp Canyon 11-22-32-22

SWNE, Sec. 22, T11S, R22E

Uintah County, Utah Lease No. UTU-73175 RECEIVED

FEB 14 2014

DIV. OF OIL, GAS & MINING

Dear Al:

The Application for Permit to Drill (APD) for the above referenced well received in this office on November 17, 2006, is being returned unapproved per your request to this office in an email message to Land Law Examiner Robin R. Hansen received on January 13, 2014. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Resource Minerals

Enclosures

CC:

UDOGM

bcc:

Well File

I&E Asst.